100/300 AREA UNIT MANAGERS MEETING
APPROVAL OF MEETING MINUTES

November 13, 2014

APPROVAL: _____ Date 12/11/2014
Mark French, DOE/RL (A6-38)
River Corridor Project Manager

APPROVAL: _____ Date 12/11/2014
Briant Charboneau, DOE/RL (A6-33)
Groundwater Project Manager

APPROVAL: _____ Date 12/11/14
Nina Menard, Ecology (H0-57)
Environmental Restoration Project
Manager

APPROVAL: _____ Date 12/11/14
Laura Buelow, Rod Lobos, or Christopher
Guzzetti, EPA (B1-46)
100 Area Project Manager

178139

Please distribute to the following:

100/300 AREA UNIT MANAGER MEETING
ATTENDANCE AND DISTRIBUTION

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100 & 300 AREA UNIT MANAGER MEETING MINUTES

Groundwater and Source Operable Units; Facility Deactivation, Decontamination, Decommission, and Demolition (D4); Interim Safe Storage (ISS); Field Remediation (FR); Mission Completion; and 100-K Sludge Treatment Project and 100-K Facility Demolition and Soil Remediation Projects

November 13, 2014

ADMINISTRATIVE

- Next Unit Manager Meeting (UMM) – The next meeting will be held December 11, 2014, at the Washington Closure Hanford (WCH) Office Building, 2620 Fermi Avenue, Room C209.
- Attendees/Delegations – Attachment A is the list of attendees. Representatives from each agency were present to conduct the business of the UMM.
- Approval of Minutes – The October 9, 2014, meeting minutes were approved by the U.S. Environmental Protection Agency (EPA), Washington State Department of Ecology (Ecology), and U.S. Department of Energy, Richland Operations Office (RL).
- Action Item Status – The status of action items was reviewed and updates were provided (see Attachment B).
- Agenda – Attachment C is the Regular Session meeting agenda.

EXECUTIVE SESSION (Tri-Parties Only)

An Executive Session was not held by RL, EPA, and Ecology prior to the November 13, 2014, UMM.

PRESENTATION ON HANFORD GROUNDWATER SAMPLING OPTIMIZATION

A presentation on an "Initiative to Update Groundwater Monitoring Sampling and Analysis Plans" was given by Bill Faught, Joe Axtell, and Jessica Ni.

100-K AREA (GROUNDWATER, SOILS, D4/ISS)

Attachment 1 provides status and information for groundwater. Attachment 2 provides a status of the 100-K Sludge Treatment Project and the 100-K Facility Demolition and Soil Remediation projects and also the Annual Evaluation of the Institutional Controls for the 100 K Basins Interim Remedial Action. No issues were identified and no agreements or action items were documented.

100-B/C AREA (GROUNDWATER, SOILS, D4/ISS)

Attachment 1 provides status and information for groundwater. Attachment 3 provides status and information for Washington Closure Hanford (WCH) Closure Operations activities. No issues were identified and no agreements or action items were documented.

100-N AREA (GROUNDWATER, SOILS, D4/ISS)

Attachment 1 provides status and information for groundwater. Attachment 3 provides status and information for WCH Closure Operations activities. No issues were identified and no action items were documented.

> Agreement 1: Attachment 4 provides Ecology's concurrence for the closure approach for the container transfer areas at 100-D, 100-H, and 100-N.

100-D & 100-H AREAS (GROUNDWATER, SOILS, D4/ISS)

Attachment 1 provides status and information for groundwater. Attachment 3 provides status and information for WCH Closure Operations activities. Attachment 5 provides the Field Remediation Schedule for 100-D and 100-H. No issues were identified and no agreements or action items were documented.

100-F & 100-IU-2/100-IU-6 AREAS (GROUNDWATER, SOILS, D4/ISS)

Attachment 1 provides status and information for groundwater. Attachment 3 provides status and information for WCH Closure Operations activities. Attachment 6 provides the Field Remediation Schedule for IU-2/6. No issues were identified and no action items were documented.

> Agreement 1: Attachment 7 provides EPA's approval of an off-site acceptability determination to recycle lead recovered during unexploded ordnance (UXO) removal activities at the 600-349 shooting range waste site. EPA determined that Doe Run Co., Boss, MO, was acceptable.

300 AREA – 618-10/11 (GROUNDWATER, SOILS)

Attachment 1 provides status and information for groundwater. Attachment 3 provides status and information for WCH Closure Operations activities. No issues were identified and no agreements or action items were documented.

300 AREA - GENERAL (GROUNDWATER, SOILS, D4/ISS)

Attachment 1 provides status and information for groundwater. Attachment 8 provides status of the 300 Area Closure Project activities. No issues were identified and no agreements or action items were documented.

MISSION COMPLETION PROJECT

Attachment 9 provides status and information regarding the Long-Term Stewardship, the 300 Area Final Action ROD RDR/RAWP, and a Document Review Look-Ahead. No issues were identified and no agreements or action items were documented.

ORCHARD LANDS

John Sands reported that a draft work plan would be issued within the next two weeks.

DOCUMENTS FOR THE ADMINISTRATIVE RECORD

Greg Sinton suggested that the UMM could be used to note which documents coming up for issuance should be entered into the Administrative Record. After discussion, no decision was reached.

FIVE YEAR REVIEW

Jamie Zeisloft noted that DOE had issued a notice on November 2, 2014, that the fourth Five-Year Review for the Hanford Site would begin late this fall (Attachment 10). MSA has assembled a team of contractors to begin drafting the document for delivery to DOE by September 4, 2015, with final issuance scheduled for November 6, 2016.

Attachment A

100/300 AREA UNIT MANAGER MEETING
ATTENDANCE AND DISTRIBUTION
November 13, 2014

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6/12/14

Attachment B

100/300 Area UMM
Action List
November 13, 2014

Open (O)/ Closed (X)	Action No.	Co.	Actionee	Project	Action Description	Status
O	100-201	RL	G. Sinton	Groundwater	At the next UMM, CHPRC will present the schedules for future groundwater sampling and analysis plans including timeframes for regulator involvement.	Open: 10/9/14; Action:
O	100-202	RL	G. Sinton	Groundwater	CHPRC will present a demonstration of the web-enabled 100 Area and 200 Area pump and treat report.	Open: 10/9/14; Action:

Attachment C

100/300 Area Unit Manager Meeting
November 13, 2014
Washington Closure Hanford Building
2620 Fermi Avenue, Richland, WA 99354
Room C209; 2:00 p.m.

Administrative:

- Approval and signing of previous meeting minutes (October 9, 2014)
- Update to Action Items List
- Next UMM (12/11/2014, Room C209)

Open Session: Project Area Updates - Groundwater, Field Remediation, D4/ISS:

- Presentation - Hanford Groundwater Sampling Optimization (Bill Faught, Joe Axtell, and Jessica Ni)
- 100-K Area (Jim Hanson, Roger Quintero)
- 100-B/C Area (Greg Sinton, Tom Post)
- 100-N Area (Greg Sinton, Joanne Chance, Rudy Guercia)
- 100-D & 100-H Areas (Jim Hanson, Tom Post, Joanne Chance)
- 100-F & 100-IU-2/6 Areas (Greg Sinton, Tom Post, Jamie Zeisloft)
- 300 Area - 618-10/11 exclusively (Jamie Zeisloft)
- 300 Area (John Sands/Rudy Guercia)
- Mission Completion Project (Jamie Zeisloft)
- Orchard Lands (John Sands)

Special Topics/Other

- Documents for the Admin Record (Greg Sinton)
- Notice of Five-Year Review for the Hanford Site (Jamie Zeisloft)

Adjourn

Attachment 1

100/300 Areas Unit Managers Meeting
November 13, 2014

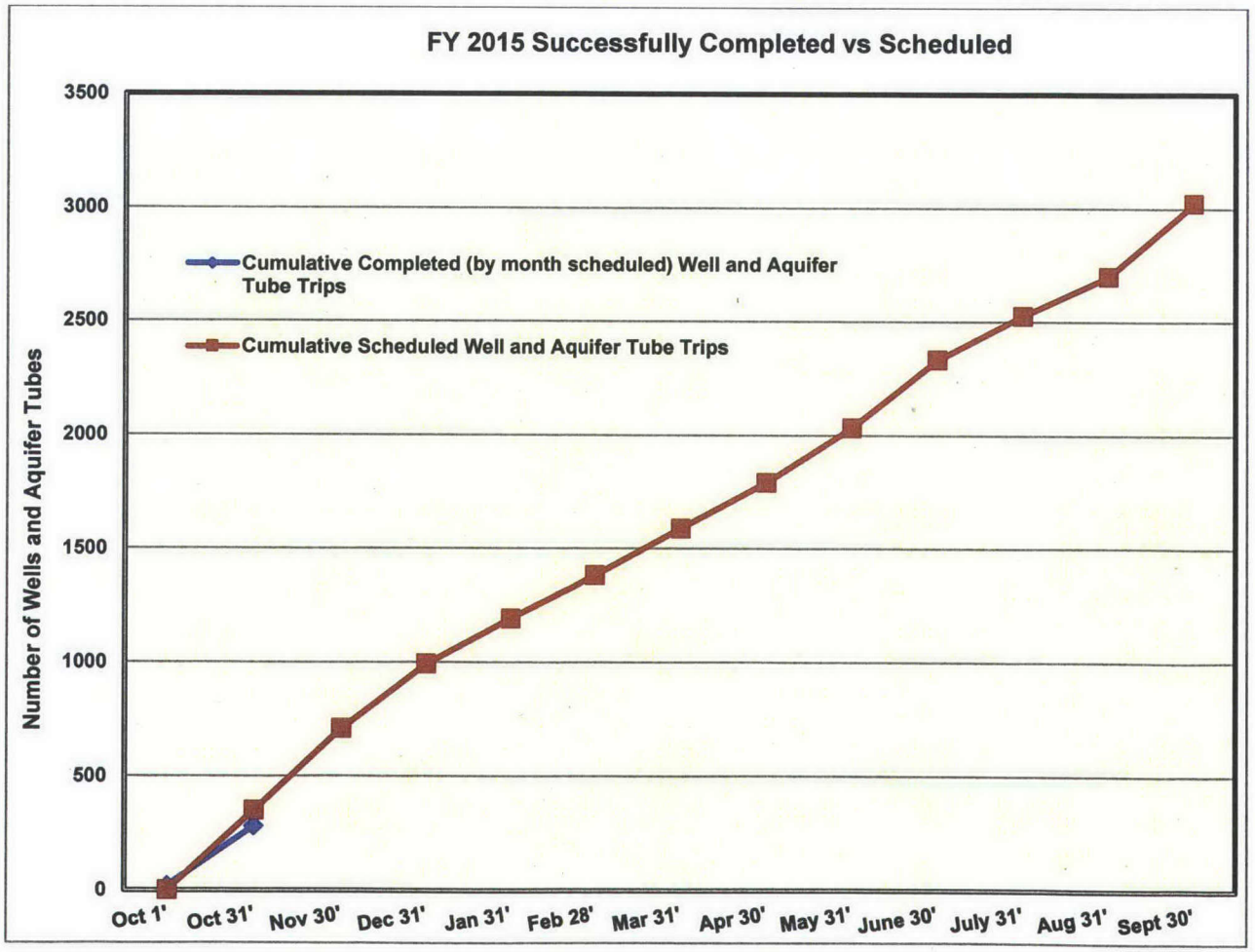
Remedy Selection & Implementation

Overall Hanford Sampling Program

The Hanford Site overall groundwater monitoring program (River Corridor and Central Plateau) has 3,021 sample trips scheduled for Fiscal Year 2015. During October 2014 (month one for the year), the program successfully completed 262 sampling trips of the 351 scheduled. This combined with the 18 trips scheduled for October (that was collected ahead of schedule) made the total number of successful trips for October 2014 is 280 out of 351. In addition, 35 sample trips scheduled for November 2014 were completed in October (ahead of plan) and 13 sample trips scheduled for FY-2014 were completed making the October total number of successful trips 310.

The specific wells, aquifer tubes and springs sampled in the River Corridor areas during October 2014 are listed in Table 1. Table 2 presents the samples for the River Corridor only that were not successfully completed in October. Sample trips scheduled for collection in November 2014 are listed in Table 3.

The sampling results are available in HEIS and can be accessed from the Environmental Dashboard Application which can be accessed from the HLAN at http:\\environet.rl.gov\eda\ or from the internet at http:\\environet.hanford.gov\eda\.



100/300 Areas Unit Managers Meeting
November 13, 2014

Operable Unit Specifics

100-KR-4 Groundwater Operable Unit – Ella Feist/Chuck Miller/Jason Hulstrom

- CERCLA Process Implementation:
  - RI/FS and Proposed Plan: The documents are on hold pending 100-K East Reactor waste site characterization wells (116-KE-3 and UPR-100-K-1) and modeling. Planning/design is nearing completion with initial mobilization activities scheduled for early FY15.
  - RD/RAWP, Monitoring Plan, and Operations and Maintenance Plan: Based on the results from the RL SAP Panel review of the D/H monitoring plan, RL's comments will be addressed in the 100-KR-4 monitoring plan. Revision of these documents continues. CHPRC presented a briefing on the monitoring DQO to RL and EPA November 3, 2104. Comments are being addressed.
- Remedial Actions & System Modifications
  - Summaries of the volume of groundwater treated and Cr(VI) removed for each 100-K P&T systems (**KX, KR-4,** and **KW)** through October 2014 are shown in Figures K-1 through K-3. Current overall month performance is:
    - Treated 52.15 million gallons.
    - Removal 4.88 kg of hexavalent chromium.
  - Three newly constructed extraction wells were put into service last week. Wells 199-K-210 (riverward of 105-KE Reactor) and 199-K-212 (riverward of the distal end of 116-K-2 Trench) will provide enhanced plume capture in the near-river environment. Well 199-K-220 (immediately down gradient of the former 183-KE Head House) will provide groundwater capture/enhanced mass removal from this source. Bringing these three new wells on-line is the most recent element of the remedial process optimization actions identified based on the 2013 river protection analysis.

    The RPO elements in 2013's analysis are:
    - Realignment for extraction from existing wells 199-K-196, 199-K-181, 199-K-141, 199-K-198, and 199-K-199 (all completed/in service);
    - Installation of new extraction wells 199-K-210 and 199-K-212 in near-river locations;
    - Installation of source area extraction wells 199-K-205 at the former 183-KW Head House and 199-K-220 at the former 183-KE Head House (All have been completed/in service).
    - One new injection well (199-K-206), was installed at the 100-KW pump-and-treat system.
  - The observed general decrease in the monthly mass of Cr(VI) removed over time is largely due to the overall reduction in Cr(VI) concentrations in the groundwater. Cr(VI) mass removal at 100-KW, however, increased substantially since bringing new extraction well 199-K-205 on-line. The effects of new extraction wells on the KX system totals are not yet discernable, due to the short operating period at this time.

- Completed construction of new monitoring well 199-K-204, located down gradient of the 116-KW-1 Gas Condensate Crib site.

- Continued drilling new well 199-K-203, located in a similar down gradient position relative to 116-KE-1 Gas Condensate Crib. These two wells will provide carbon-14extent information in the reactor areas. Drilling progress at 199-K-203 is slow due to a high amount of boulders/large cobbles in the vadose zone.

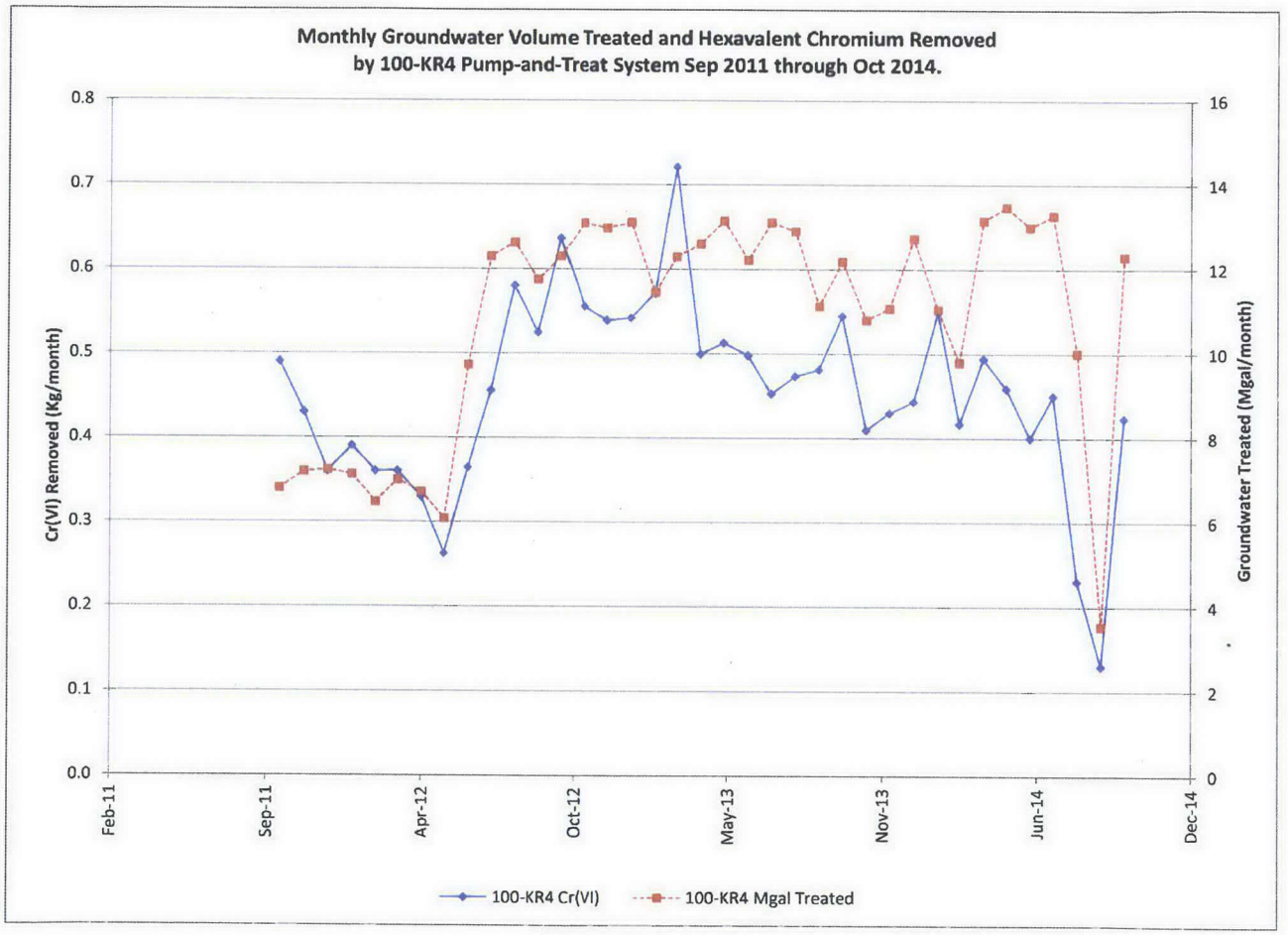


Figure K-3. Monthly Cr(VI) removed and groundwater volume treated by 100-KR4 pump-and-treat, Sep 2011 through Oct 2014.

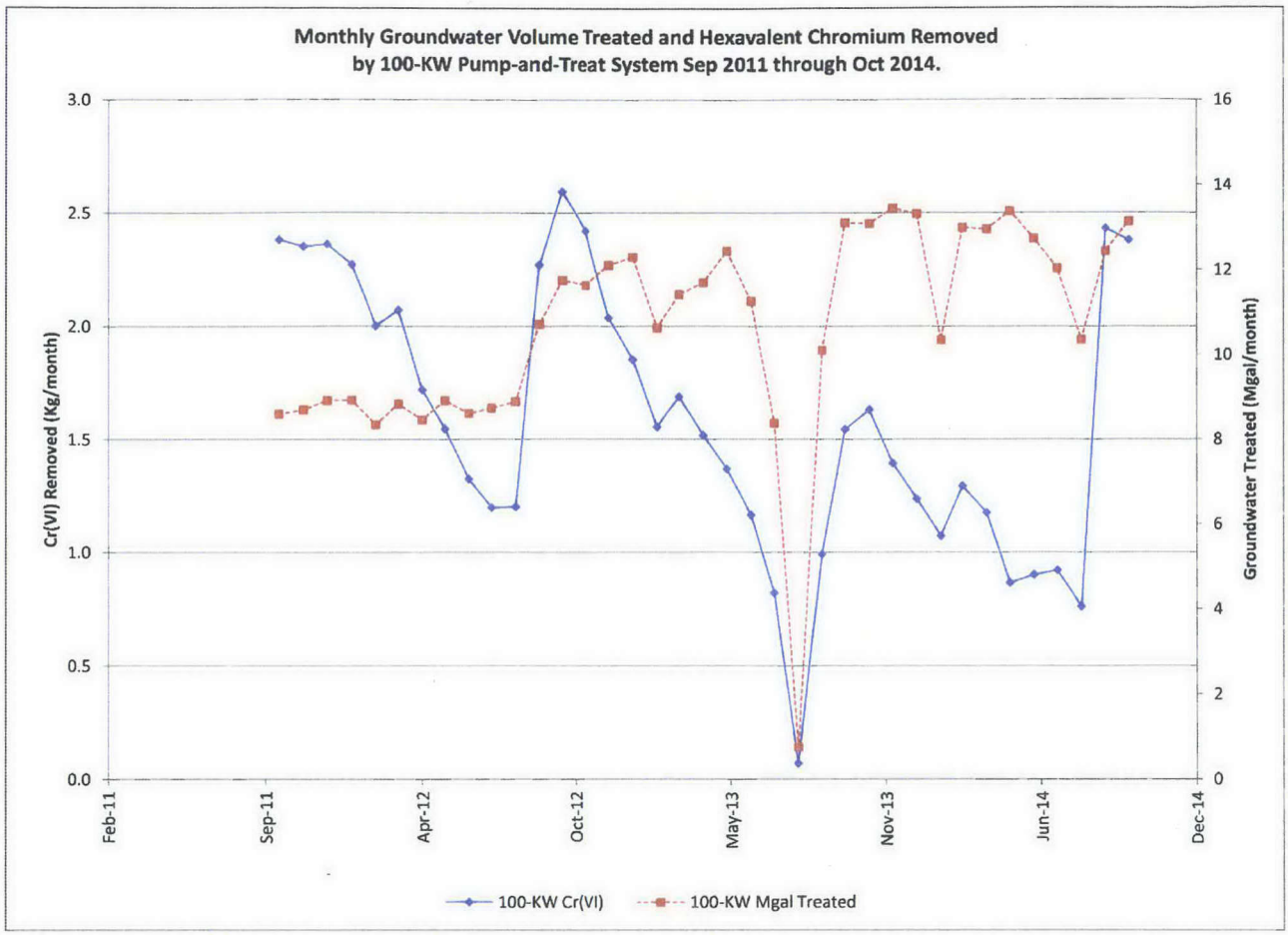


Figure K-4. Monthly Cr(VI) removed and groundwater volume treated by 100-KW pump-and-treat, Sep 2011 through Oct 2014.

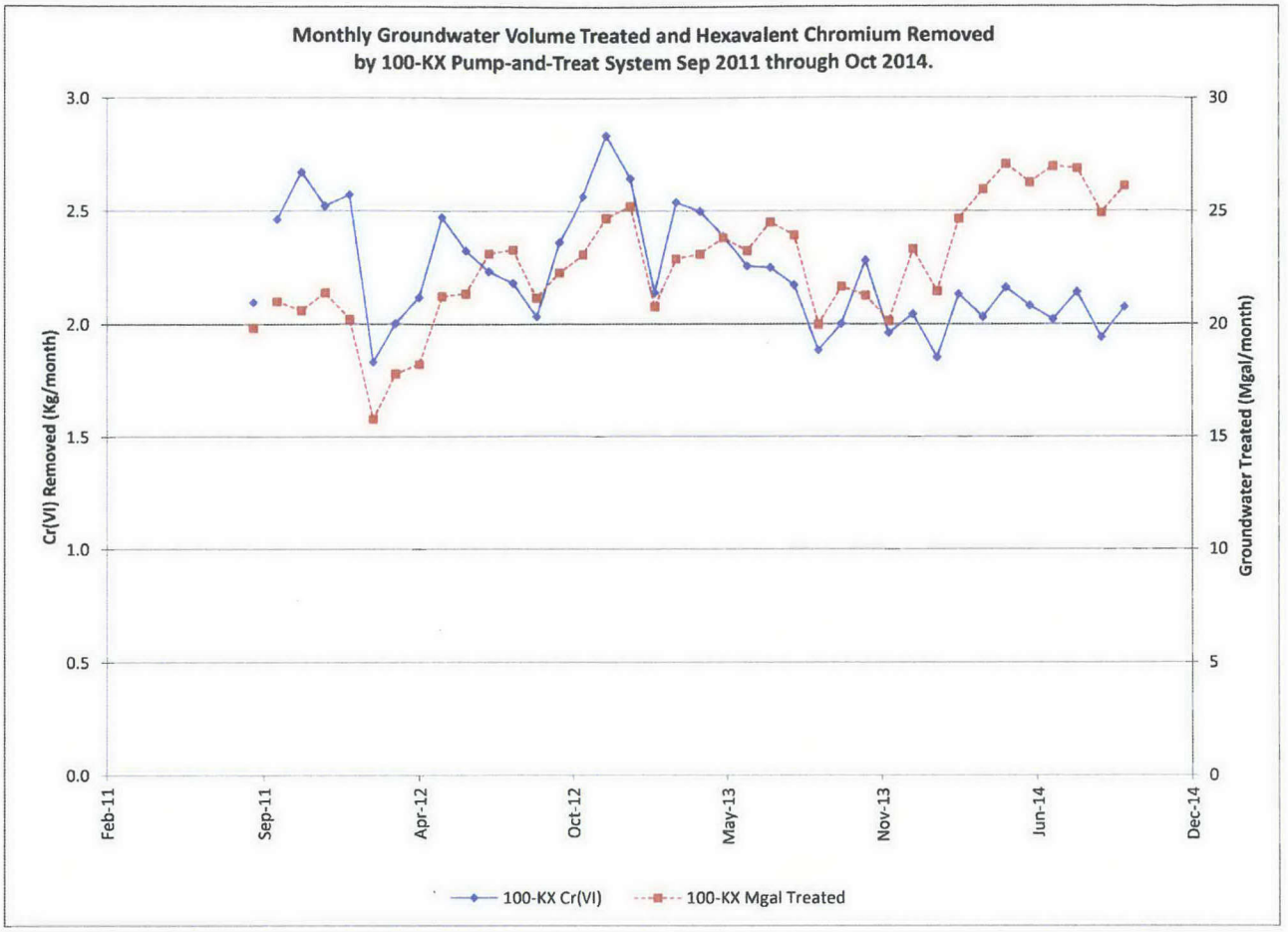


Figure K-5. Monthly Cr(VI) removed and groundwater volume treated by 100-KX pump-and-treat, Sep 2011 through Oct 2014.

100-BC-5 Groundwater Operable Unit – Phil Burke/Mary Hartman

Milestone M-015-79: Due 12/15/2016 for the CERCLA RI/FS Report and Proposed Plan for the 100-BC-1, 100- BC-2 and 100-BC-5 Operable Units

- CERCLA Process Implementation:
  - Monitoring of natural attenuation parameters and the interaction of groundwater to the Columbia River.
- Monitoring & Reporting:
  - Environmental Assessment Services (EAS) completed repairs of the HSPs and installed 6 additional HSPs screened at 6 to 12 inches. Remaining tasks include replacing four sensors and data-loggers and strengthening additional HSPs. This work is planned for later in November.
  - The HSPs were sampled in October, as planned, including the 6 new, shallow HSPs. Figures BC-1 and BC-2 show specific conductance and chromium data for the HSPs. October 2014 results are comparable to the low-river sampling results from December 2013.
  - Well 199-B4-14, downgradient of the former 100-C-7:1 site is sampled monthly for Cr(VI) and tritium. Concentration fluctuate seasonally (Figure BC-3), but levels are declining overall. The routine groundwater monitoring SAP (DOE/RL-2003-38; TPA-CN-522) says that sampling frequency may be decreased to quarterly if contaminant concentrations stabilize. If monthly sampling results continue at expected levels through April 2015, a quarterly frequency will be proposed (April, July, October, and January).
  - 100-BC-5 monitoring wells were sampled in October, as scheduled.

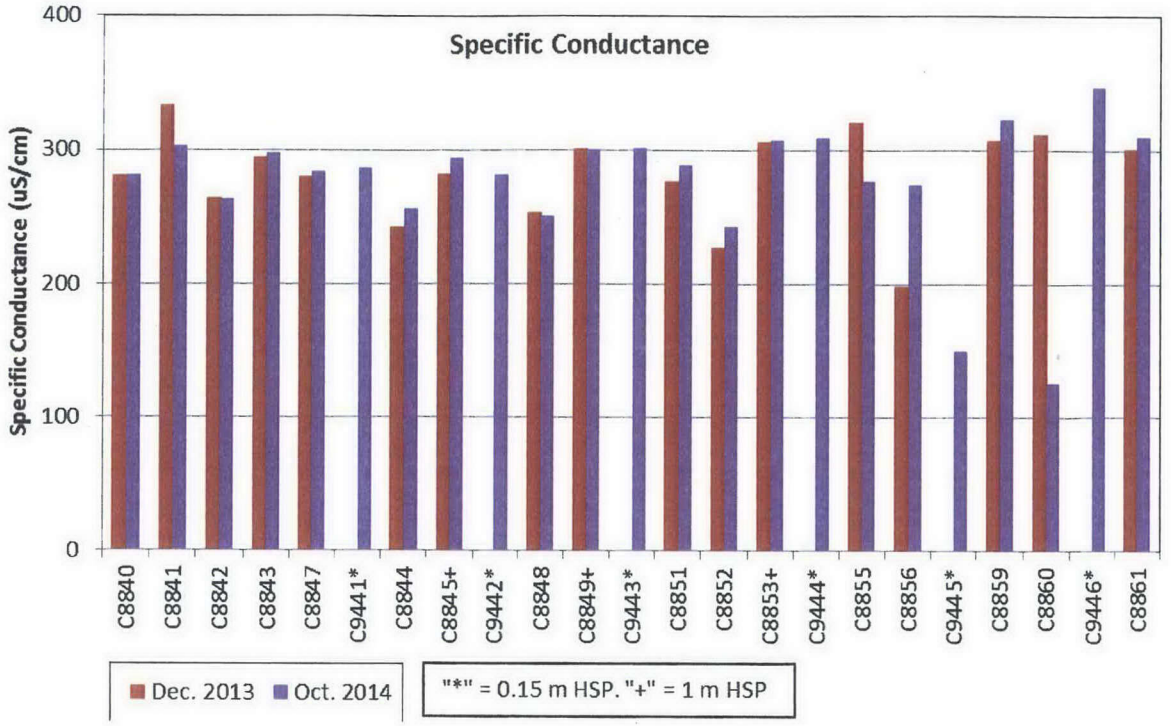


Figure BC-1. Specific Conductance in 100-BC HSPs

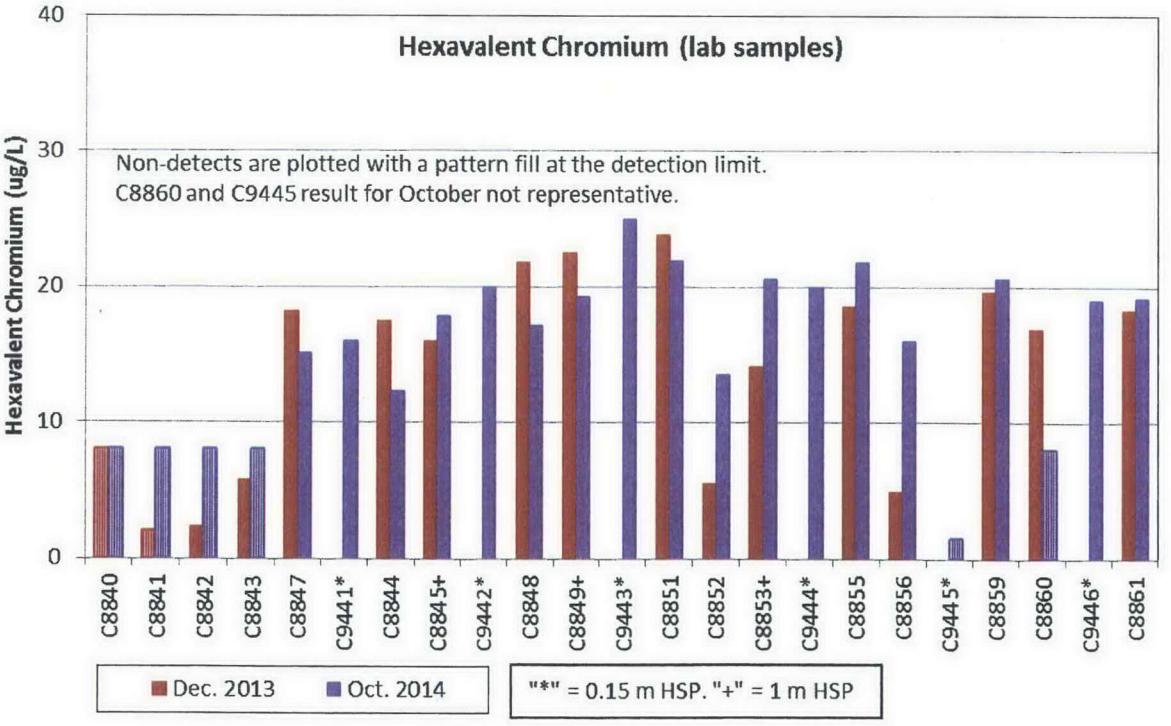


Figure BC-2. Hexavalent Chromium in 100-BC HSPs (October 2014 Results are Preliminary)

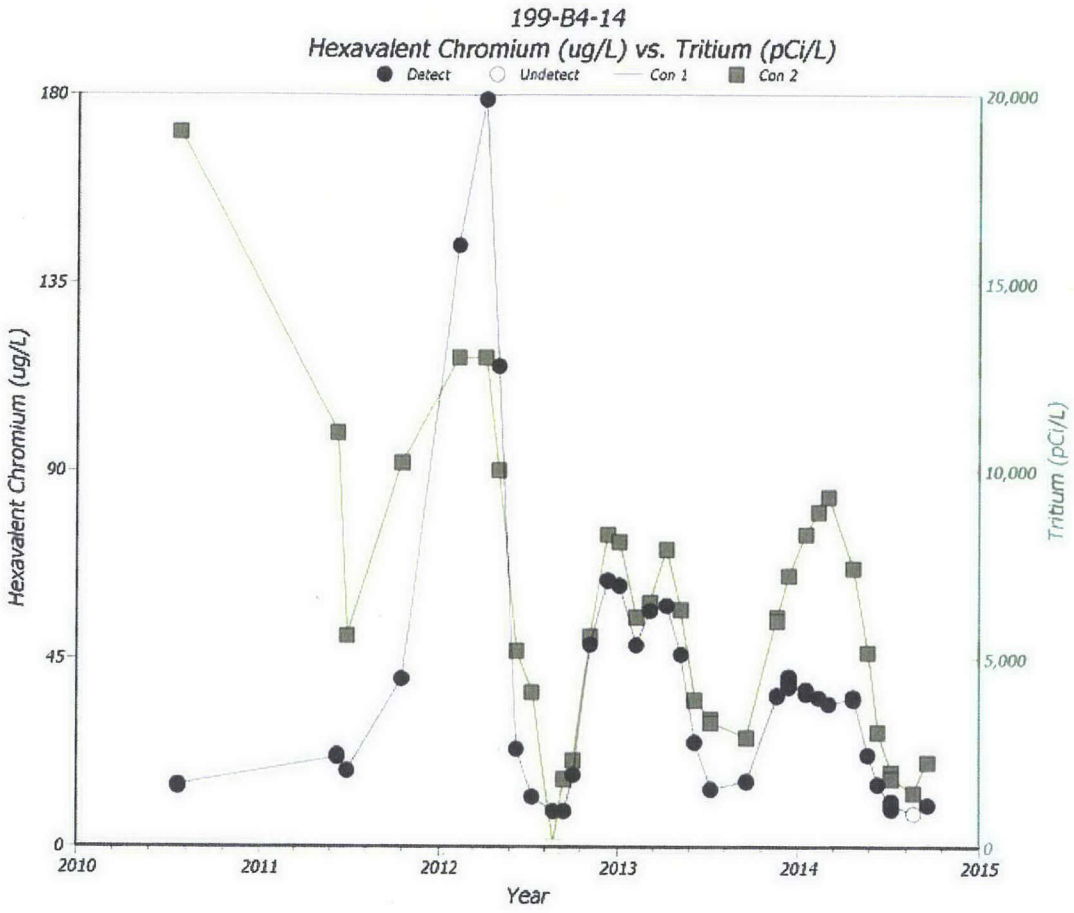


Figure BC-3. Hexavalent Chromium and Tritium in 199-B4-14

100-NR-2 Groundwater Operable Unit – Bill Faught/Virginia Rohay

- CERCLA Process Implementation:
  - The Draft A RI/FS Report (DOE/RL-2012-15) and Proposed Plan (DOE/RL-2012-68) were transmitted to Ecology on June 24, 2013 completing TPA milestone M-015-75.
  - Ecology comments on the Draft A RI/FS Report were received on October 2, 2013. Responses and redline changes have been prepared to the majority of Ecology's comments for Chapters 1 through 7.
  - An additional 92 waste sites are being added to the RI/FS since WCH has completed nearly all waste site remediation at 100-N. The risk screening and related analysis is underway and will be complete in November.
  - The bioventing system for remediation of petroleum contamination in the vadose zone was transitioned from WCH to CHPRC on October 1, 2014. CHPRC has issued a contract to WCH for labor support and another contract to AMEC to support transition activities. The system was shut-down on October 1, 2014 and will restart December 2, 2014 or once the required procedures and staff training are complete.
- Monitoring & Reporting:
  - Aquifer tubes C7934, C7935, and C7936 were sampled on September 8. Tritium concentrations increased at all three locations (Figure NR-1). Strontium-90 concentrations increased slightly, but were consistent with past trends (Figure NR-2). Based on the increasing tritium trends in September, monthly monitoring for tritium and strontium-90 will continue. These aquifer tubes were sampled on October 28. Based on the September results, gamma energy analyses (GEA) were requested for the September samples to verify that no other mixed fission product or activation products associated with 105-N Reactor fuel storage basin have reached groundwater at these locations. Results for the October samples and the GEA analyses are pending.
  - As of November 1, 45 of the 47 samples were collected at CERCLA and RCRA monitoring wells and 49 of the 50 samples were collected at apatite barrier monitoring wells and aquifer tubes scheduled in September. Twenty-one of the apatite barrier monitoring wells and aquifer tubes were sampled as part of semi-annual monitoring (June and September) downgradient from the treated portions of the barrier. Twenty-eight locations are being sampled three times in 2014 (March, June, and September) to collect pre-injection data at different river stages. One aquifer tube (N116mArray-13A) was repaired in September and was sampled on October 6, 2014. One aquifer tube (N116mArray-8.5A) needs to be repaired or replaced.
  - The next groundwater sampling event for the bioventing wells is early December 2014.
  - The next groundwater sampling event for three CERCLA monitoring wells (199-N-186, 199-N-187, and 199-N-188) is December 2014.
  - The next sampling event for the apatite barrier is June 2015. The next sampling event for RCRA monitoring wells is March 2015.

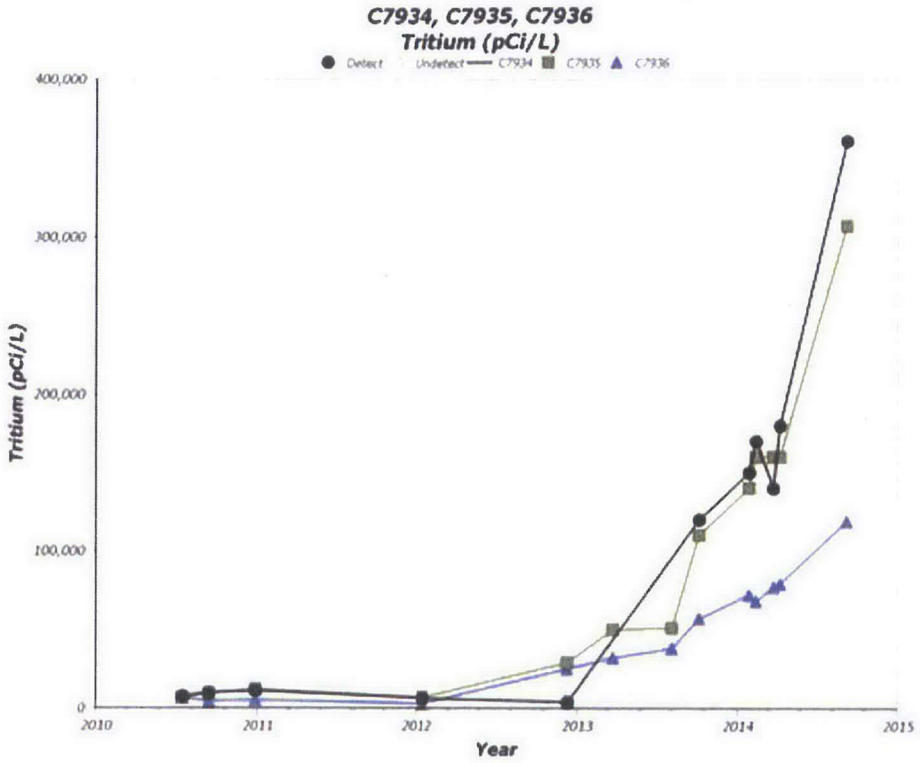


Figure NR-1. Tritium trends through September 2014 at Aquifer Tubes C7934, C7935, C7936.

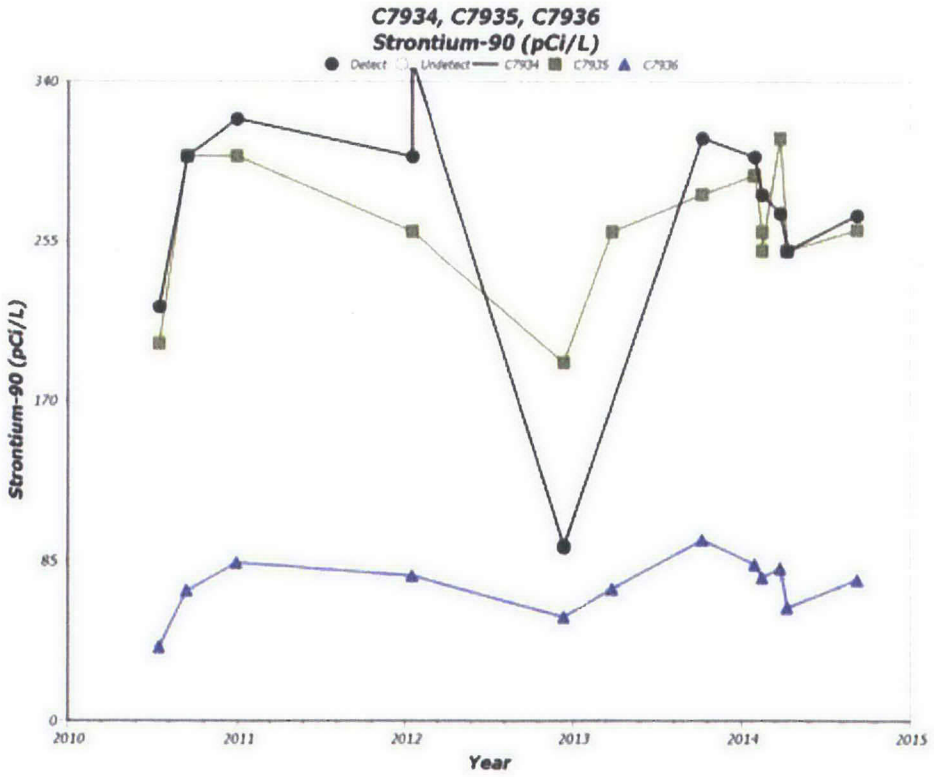


Figure NR-2. Strontium-90 trends through September 2014 at Aquifer Tubes C7934, C7935, C7936.

100-HR-3 Groundwater Operable Unit – Ella Feist/Kris Ivarson/ Erika Garcia

- CERCLA Process Implementation:
  - RI/FS: Final Rev. 0 was transmitted to Ecology on October 17, 2014
  - PP: The draft Rev. 0 was provided to Ecology on June 25, 2014 for legal review. The National Remedy Review Board waiver has not been received so the project has decided to move ahead with an NRRB review. The dates are January 26 to 30, 2015.
  - RD/RAWP, Monitoring Plan, and O&M Plan. A draft Monitoring Plan was transmitted to RL on September 30, 2014. Informal Ecology comments on the Draft A Monitoring Plan were incorporated into the Monitoring Plan as a Draft B. The Draft B Monitoring Plan, the Draft A RD/RAWP and the Draft A O&M Plan are planned to be submitted to RL and Ecology for formal review by early December, 2014.
- Remedial Actions & System Modifications:
  - September 2014 performance for **DX** and **HX** systems:
    - Treated: 48.8 million gallons
    - Removed: 13.97 kg of Cr(VI).
  - Summaries of the volume of groundwater treated and Cr(VI) removed for the 100-DX and 100-HX pump-and-treat systems are shown in Figures H-1 and H-2, respectively. Both systems exhibit general reduction in Cr(VI) mass removal over time; this is a function of progress of remediation with associated reduction in groundwater contaminant concentration. Planned system modifications, especially additional extraction at the 100-D-100 waste site are under evaluation.

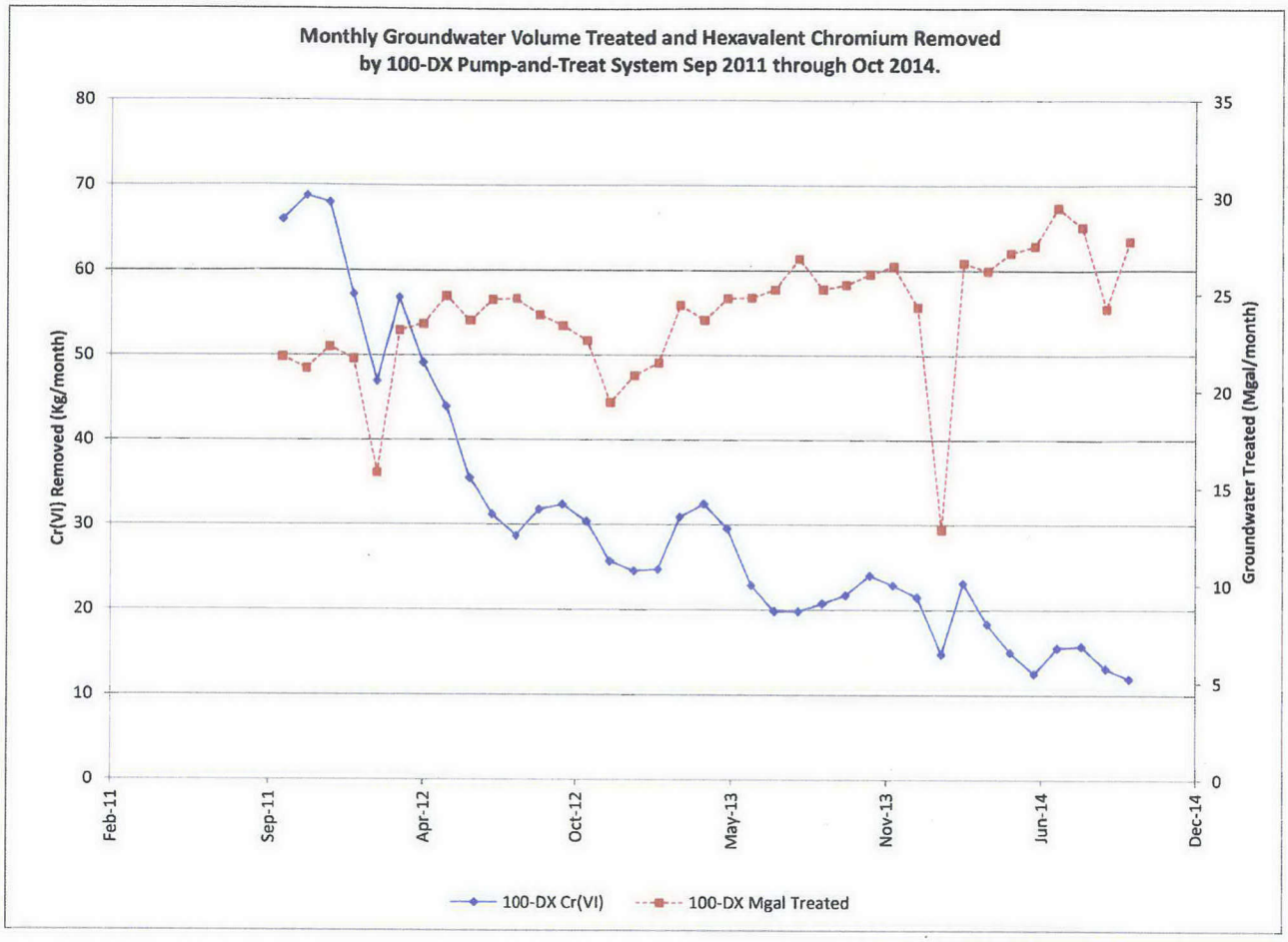


Figure H-1. Monthly Cr(VI) removed and groundwater volume treated by 100-DX pump-and-treat, Sep 2011 through Oct 2014.

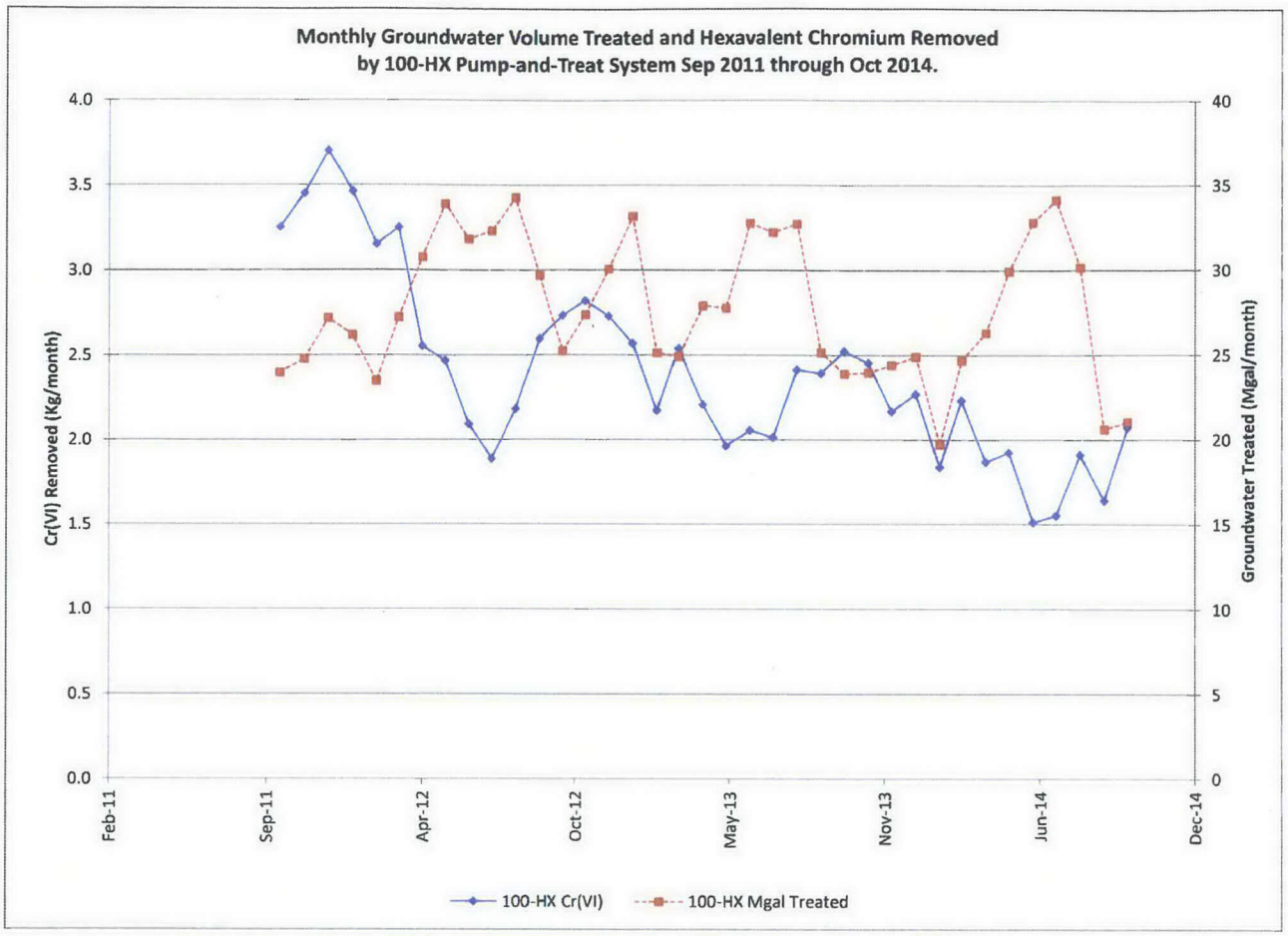


Figure H-2. Monthly Cr(VI) removed and groundwater volume treated by 100-HX pump-and-treat, Sep 2011 through Oct 2014.

100/300 Areas Unit Managers Meeting
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100-FR-3 Groundwater Operable Unit – Phil Burke/Mary Hartman

- CERCLA Process Implementation:
  - ROD was signed by RL and EPA on September 30, 2014
  - RD/RA Work Plan preparation is underway.
- Monitoring & Reporting:
  - Wells and aquifer tubes were scheduled for sampling in October in accordance with a revised sampling and analysis plan (DOE/RL-2003-49, Rev. 2). Wells were sampled as scheduled except for two of the 600 Area wells, which will be sampled in the coming weeks. Aquifer tubes have not yet been sampled because the extremely low river stage makes access to some of the 100-F tubes difficult. They will be sampled later this fall.

300-FF-5 Groundwater Operable Unit – Bert Day/Virginia Rohay

- CERCLA Process Implementation:
  - Submitted Draft Rev. 0(a) of the Integrated 300 Area RD/RA-WP and groundwater addendum (DOE/RL-2014-13) to EPA for review on October 1, 2014; discussed EPAs review status during the October 2, 2014 300 Area specific UMM. Conducted two 300 Area Remedy Implementation SAP DQO workshops with RL and Panel in October 2014.
- Monitoring & Reporting:
  - 300 Area Industrial Complex: The next sampling event is scheduled for December 2014.
  - 340 Vault Area: Seven wells were sampled, as scheduled, in March, June, and September 2014. The next sampling event is scheduled for December. Results for March through September 2014 include two detections of phosphate (maximum concentration estimated at 282 µg/L); two detections of strontium-90 (maximum concentration of 1.90 pCi/L); three anomalous detections of uranium in one well (maximum concentration 98 µg/L; undergoing review); and no detections of Cs-137 (analyzed in samples from one well).
  - 618-10 Burial Ground/316-4 Crib: The next sampling event is scheduled for December.
  - 300 Area Process Trenches (316-5) RCRA Monitoring: The next sampling event is scheduled for December.

100/300 Areas Unit Managers Meeting
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Groundwater Sampling Program Information

Table 1. Wells, Aquifer Tubes and springs in the River Corridor Successfully Sampled, October 2014

100-BC-5	100-FR-3	100-HR-3-D	100-HR-3-H	100-KR-4	100-NR-2	1100-EM-1	300-FF-5
199-B2-12	199-F1-2	199-D4-19	199-H1-43	199-K-117A	199-K-150		399-1-2
199-B2-13	199-F5-1	199-D4-20	199-H1-7	199-K-130	199-K-151		399-4-10
199-B2-14	199-F5-4	199-D4-26	199-H2-1	199-K-152	25-D		699-12-2C
199-B2-16	199-F5-43A	199-D4-86	199-H3-10	199-K-18	26-D		699-13-0A
199-B3-1	199-F5-44	199-D4-92	199-H3-3	199-K-20	26-M		699-13-1E
199-B3-46	199-F5-45	199-D4-93	199-H3-5	199-K-202	26-S		699-13-2D
199-B3-47	199-F5-46	199-D4-96	199-H3-6	199-K-21	699-87-55		699-13-3A
199-B3-50	199-F5-47	199-D4-97	199-H3-7	19-D	C6263		
199-B3-51	199-F5-48	199-D4-98	199-H3-9	19-M	C6264		
199-B4-1	199-F5-52	199-D5-101	199-H4-11	21-M	C6265		
199-B4-14	199-F5-53	199-D5-103	199-H4-16	21-S	C7934		
199-B4-16	199-F5-54	199-D5-103	199-H4-46	23-M	C7935		
199-B4-18	199-F5-55	199-D5-104	199-H4-49	C6239	C7936		
199-B4-4	199-F5-56	199-D5-106	199-H4-6	C6240	N116mArray-13A		
199-B4-7	199-F5-6	199-D5-108	199-H4-65	C6241	NVP1-3		
199-B4-8	199-F6-1	199-D5-109	199-H4-77	C6242			
199-B5-1	199-F7-1	199-D5-110	199-H4-85	C6243			
199-B5-10	199-F7-2	199-D5-114	699-100-43B	C6244			
199-B5-11	199-F7-3	199-D5-115	699-101-45	C6245			
199-B5-12	199-F8-3	199-D5-127	699-88-41	C6246			
199-B5-13	199-F8-4	199-D5-130	699-90-45	C6248			
199-B5-14	199-F8-7	199-D5-14	699-91-46A	C6249			
199-B5-2	699-60-32	199-D5-145	699-97-43B	C6250			
199-B5-5	699-62-31	199-D5-145	699-97-43C	C6251			
199-B5-6	699-63-25A	199-D5-146	699-97-45	C6252			
199-B5-8	699-64-27	199-D5-17	699-97-45B	C6253			
199-B5-9	699-66-23	199-D5-19	699-98-43	C6254			
199-B8-6	699-71-30	199-D5-32	C5632	C6255			
199-B8-9	699-77-36	199-D5-33	C5633	C6256			
199-B9-2	699-77-54	199-D5-34	C5634	C6257			

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100-BC-5	100-FR-3	100-HR-3-D	100-HR-3-H	100-KR-4	100-NR-2	1100-EM-1	300-FF-5
199-B9-3	699-81-38	199-D5-34	C5635	C6258			
699-65-83	699-83-47	199-D5-36	C5636	C6259			
699-67-86	699-86-42	199-D5-39	C5637	C6260			
699-71-77	699-87-42A	199-D5-97	C5638	C6261			
699-72-92		199-D5-97	C5641	C7641			
C8840		199-D7-3	C6284	C7642			
C8841		199-D7-6	C6285	C7643			
C8842		199-D8-101	C6286	DK-04-2			
C8843		199-D8-4	C6287				
C8844		199-D8-89	C6288				
C8845		199-D8-90					
C8847		199-D8-91					
C8848		199-D8-95					
C8849		199-D8-96					
C8851		199-D8-97					
C8852		199-D8-98					
C8853		199-H1-5					
C8855		199-H4-80					
C8856		199-H4-81					
C8859		199-H4-82					
C8860		699-97-48B					
C8861		699-97-48C					
		DD-49-1					
		DD-49-2					
		DD-49-3					
		DD-49-4					
		DD-50-1					
		DD-50-2					
		DD-50-3					
		DD-50-4					

Table 2. Sample Trips Outstanding at the end of October 2014

GWIA	SAMP_SITE_TYPE	SITE_NAME	SCHEDULE_DATE	Sample Status Comment
100-BC-5	WELL	699-68-105	10/1/2014	Annual
	AQUIFER TUBE	C8845	8/1/2014	Not Attempted
	AQUIFER TUBE	C8860	5/1/2014	Unsuccessful
100-FR-3	AQUIFER TUBE	62-M	10/1/2014	Annual
	AQUIFER TUBE	64-M	10/1/2014	Annual
	AQUIFER TUBE	67-M	10/1/2014	Annual
	AQUIFER TUBE	74-D	10/1/2014	Annual
	AQUIFER TUBE	75-D	10/1/2014	Annual
	AQUIFER TUBE	76-D	10/1/2014	Annual
	AQUIFER TUBE	77-D	10/1/2014	Annual
	AQUIFER TUBE	C6302	10/1/2014	Annual
	AQUIFER TUBE	C6303	10/1/2014	Annual
	AQUIFER TUBE	C6306	10/1/2014	Annual
	AQUIFER TUBE	C6309	10/1/2014	Annual
	AQUIFER TUBE	C6315	10/1/2014	Annual
100-HR-3-D	WELL	199-D4-13	10/1/2014	Annual
	WELL	199-D4-15	10/1/2014	Annual
	WELL	199-D4-5	10/1/2014	Annual
	WELL	199-D4-6	10/1/2014	Unsuccessful
	WELL	199-D4-78	10/1/2014	Annual
	WELL	199-D4-95	10/1/2014	Quarterly
	WELL	199-D5-107	10/1/2014	Annual
	WELL	199-D5-134	10/1/2014	Annual
	WELL	199-D5-141	10/1/2014	Annual
	WELL	199-D5-142	8/1/2014	Sampled 11-7-2014
	WELL	199-D5-20	10/1/2014	Quarterly
	WELL	199-D8-72	9/1/2014	Quarterly
	AQUIFER TUBE	C6333	9/1/2014	Annual
100-HR-3-H	WELL	199-H4-15CP	10/1/2014	Biannual
	WELL	199-H4-15CQ	10/1/2014	Annual
	WELL	199-H4-15CR	10/1/2014	Annual
	WELL	199-H4-15CS	10/1/2014	Annual
	WELL	199-H4-84	10/1/2014	Sampled 11-5-2014
	WELL	699-96-43	10/1/2014	Annual
100-KR-4	AQUIFER TUBE	18-S	10/1/2014	Annual
	WELL	199-K-165	10/1/2014	Biannual
	WELL	199-K-166	10/1/2014	Quarterly
	WELL	199-K-173	10/1/2014	Quarterly
	WELL	199-K-205	10/1/2014	Quarterly
	WELL	199-K-221	10/1/2014	Quarterly
	WELL	199-K-222	10/1/2014	Quarterly

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GWIA	SAMP_SITE_TYPE	SITE_NAME	SCHEDULE_DATE	Sample Status Comment
	AQUIFER TUBE	C6247	10/1/2014	Annual
	SPRING	SK-077-1	10/1/2014	Annual
100-NR-2	WELL	199-N-167	10/1/2014	Annual
	WELL	199-N-169	10/1/2014	Quarterly
	WELL	199-N-171	10/1/2014	Quarterly
	WELL	199-N-172	10/1/2014	Annual
	WELL	199-N-173	10/1/2014	Quarterly
	WELL	199-N-183	10/1/2014	Quarterly
	WELL	199-N-19	9/1/2014	Quarterly
	WELL	199-N-19	10/1/2014	Quarterly
	WELL	199-N-21	9/1/2014	Quarterly
	WELL	199-N-3	10/1/2014	Quarterly
	WELL	199-N-56	10/1/2014	Quarterly
	WELL	199-N-96A	10/1/2014	Quarterly
	AQUIFER TUBE	C6132	10/1/2014	Quarterly
	AQUIFER TUBE	C6135	10/1/2014	Annual
	AQUIFER TUBE	C6323	9/1/2014	Annual
	AQUIFER TUBE	N116mArray-0A	10/1/2014	Quarterly
	AQUIFER TUBE	N116mArray-8.5A	9/1/2014	Quarterly
	AQUIFER TUBE	NVP1-1	9/1/2014	Quarterly
	AQUIFER TUBE	NVP1-2	9/1/2014	Quarterly
300-FF-5	WELL	399-1-63	12/1/2013	Maintenance Required
	WELL	699-12-2C	10/1/2014	Quarterly
	WELL	699-S3-E12	10/1/2014	Annual
	WELL	699-S6-E4B	12/1/2013	Sampled 9-8-2014

Table 3. Sample Locations in the River Corridor Scheduled to be sampled in November 2014

100-BC-5	100-FR-3	100-HR-3-D	100-HR-3-H	100-KR-4	100-NR-2	1100-EM-1	300-FF-5
199-B4-14		199-D5-41	199-H1-32	199-K-106A	199-K-131		
C8853		199-D6-3	199-H1-33	199-K-107A	199-K-150		
C8856		36-M	199-H4-4	199-K-108A	C7934		
C8859		36-S	50-M	199-K-11	C7935		
C8860		38-D	50-S	199-K-110A	C7936		
C8861		38-M	52-D	199-K-111A			
		699-96-52B	52-M	199-K-112A			
		699-98-51	52-S	199-K-113A			
		AT-D-1-D	54-D	199-K-114A			
		AT-D-1-M	54-M	199-K-115A			
		AT-D-1-S	54-S	199-K-116A			
		AT-D-2-M	699-97-41	199-K-118A			
		AT-D-2-S	AT-H-1-D	199-K-119A			
		AT-D-3-D	C5681	199-K-120A			
		AT-D-3-M	C6290	199-K-124A			
		AT-D-3-S	C7649	199-K-125A			
		AT-D-4-D	C7650	199-K-127			
		AT-D-4-M		199-K-129			
		AT-D-4-S		199-K-132			
		AT-D-5-D		199-K-137			
		AT-D-5-M		199-K-138			
		C6266		199-K-139			
		C6267		199-K-140			
		C6268		199-K-141			
		C6269		199-K-142			
		C6270		199-K-144			
		C6271		199-K-145			
		C6272		199-K-146			
		C6275		199-K-147			
		C6278		199-K-148			
		C6281		199-K-153			
		C6282		199-K-154			
		C7645		199-K-157			
		C7646		199-K-161			
		C7647		199-K-162			
		C7648		199-K-163			
		DD-06-2		199-K-168			
		DD-06-3		199-K-171			
		DD-12-2		199-K-178			
		DD-12-4		199-K-181			

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100-BC-5	100-FR-3	100-HR-3-D	100-HR-3-H	100-KR-4	100-NR-2	1100-EM-1	300-FF-5
		DD-15-2		199-K-182			
		DD-15-3		199-K-184			
		DD-15-4		199-K-185			
		DD-16-3		199-K-186			
		DD-16-4		199-K-187			
		DD-17-2		199-K-188			
		DD-17-3		199-K-189			
		DD-39-1		199-K-19			
		DD-41-1		199-K-190			
		DD-41-2		199-K-191			
		DD-41-3		199-K-192			
		DD-42-2		199-K-193			
		DD-42-3		199-K-194			
		DD-42-4		199-K-196			
		DD-43-2		199-K-197			
		DD-43-3		199-K-198			
		DD-44-3		199-K-199			
		DD-44-4		199-K-200			
		Redox-1-3.3		199-K-201			
		Redox-1-6.0		199-K-208			
		Redox-2-6.0		199-K-210			
		Redox-3-3.3		199-K-212			
		Redox-3-4.6		199-K-22			
		Redox-4-3.0		199-K-220			
		Redox-4-6.0		199-K-32A			
				199-K-34			
				199-K-36			
				199-K-37			

Attachment 2

100K Area Unit Managers Meeting
November 13, 2014

RL-0012 Sludge Treatment Project

TPA Milestone **M-016-175**, *Begin Sludge Removal from 105-KW Fuel Storage Basin* (**9/30/14**) – Missed

- EPA disapproved DOE's request to extend TPA milestone M-016-175. A written statement of dispute is being prepared by DOE.
- EPA and DOE have agreed to extend informal dispute resolution to December 3, 2014.
- Seven out of a total of twenty ECRTS process component procurement contracts have been awarded. The Sludge Transport and Storage Container fabrication contract was awarded to ABW Technologies Inc.
- 105-K West Basin Annex building shell installation was completed. Building electrical and mechanical equipment installation is progressing.
- Preparation of Facility Modification Packages to support 105-K West Basin in-basin construction was completed. Effort to escalate in-basin electrical work scope previously scheduled for FY 2016 is in-progress.
- DOE continues to review the ECRTS Preliminary Documented Safety Analysis (PDSA) Periodic meetings are being held between DOE and CHPRC to facilitate the review. DOE approval of the PDSA is expected in mid-January, 2015.

TPA Milestone **M-016-173,** *K Basin Sludge Treatment and Packaging Technology Selection* (**3/31/15**) - At Risk

- The phase 2 treatment and packaging site evaluation report was issued in September 2012. Evaluation of options and consideration of overarching policy issues leading to preparation of a recommendation were not funded in FY14.

TPA Milestone **M-016-176**, *Complete Sludge Removal from 105-KW Fuel Storage Basin* (**12/31/15**) – At Risk

- Initiation of this milestone follows completion of Milestone M-016-175.

TPA Milestone **M-016-178**, *Initiate Deactivation of 105-KW Fuel Storage Basin* (**12/31/15**) – At Risk

- Pre-deactivation activities to facilitate future deactivation continue. Such activities include preparation for below-water debris relocation to clear the ECRTS footprint; debris dose rate measurement and characterization; and, Integrated Water Treatment System garnet filter and Skimmer System sand filter media characterization.
- The KW Basin below-water debris and demolition rubble Sample Analysis Plan is now expected to be provided to EPA for review and approval in early December 2014.

RL-0041 K Facility Demolition and Soil Remediation

TPA Milestone **M-016-143**, *Complete the Interim Response Actions for 100 K Area Phase 2* (**12/31/15**) – At Risk

- Response actions for phase 2 buildings are complete. No remediation of phase 2 waste sites has been completed thus far in FY15.

TPA Milestone **M-093-28**, *Submit a Change Package for Proposed Interim Milestones for 105-KE and 105-KW Reactor Interim Safe Storage* (**12/31/15**) - On Schedule

TPA Milestone **M-093-27**, *Complete 105-KE and 105-KW Reactor Interim Safe Storage in Accordance with the Removal Action Work Plan* (**12/31/19**) - On Schedule

Other Information and Status Updates

- No demolition or soil remediation activities were conducted at100K during October.

- 105-KW Roof Improvements: The released engineering design is complete for the +66' and the +73' elevation roofs. The construction contractor selection is complete and mobilization is scheduled to begin November 17.

- 100K Bore Holes. Field mobilization to backfill and grade drilling pads and access ramps is scheduled to begin in mid-November followed by construction of a drilling enclosure.

Attachment 3

November 13, 2014 Unit Manager's Meeting
Closure Operations Status

100-B/C

- Completed remediation of 100-B-35 pending favorable sample results
- Mobile office and restroom are being processed for demobilization
- Completed contouring of Pit 24

100-D

- Completed remediation activities at 100-D pending favorable sample results
- Mobile office being processed for demobilization
- Completed subcontractor demobilization activities
- Commenced backfill at 100-D-30/104

100-H

- Completed remediation activities at 100-H pending favorable sample results
- Completed subcontractor demobilization activities
- Completed backfill at 100-H-46
- Mobile office and restroom are being processed for demobilization

100-N

- Commenced revegetation activities
- Mobile office has been demobilized

100-IU-2/6

- Continued planning for detonating discovered UXO
- Continued remediation of 600-358
- Completed remediation of 600-20 pending favorable sample results.
- Completed removal of MR site SG4-477

Attachment 4

177566

^WCH Document Control

From: Saueressig, Daniel G
Sent: Wednesday, October 22, 2014 8:26 AM
To: ^WCH Document Control
Subject: FW: CLOSURE OF 100-N, D AND H CONTAINER TRANSFER AREAS

Please provide a chron number. This email documents a regulatory agreement.

Thanks,

Dan Saueressig
Environmental Project Lead
Washington Closure Hanford
521-5326

From: Elliott, Wanda (ECY) [mailto:well461@ECY.WA.GOV]
Sent: Tuesday, October 21, 2014 3:26 PM
To: Saueressig, Daniel G; Kapell, Arthur
Cc: Chance, Joanne C; Post, Thomas C; Glossbrenner, Ellwood T
Subject: RE: CLOSURE OF 100-N, D AND H CONTAINER TRANSFER AREAS

I concur.

Wanda Elliott
(509) 372-7904
Environmental Scientist
Nuclear Waste Program
Washington State Department of Ecology

From: Saueressig, Daniel G [mailto:daniel.saueressig@wch-rcc.com]
Sent: Tuesday, October 21, 2014 11:03 AM
To: Kapell, Arthur (ECY); Elliott, Wanda (ECY)
Cc: Chance, Joanne C; Post, Thomas C; Glossbrenner, Ellwood T
Subject: CLOSURE OF 100-N, D AND H CONTAINER TRANSFER AREAS

Artie/Wanda, I'd like to request your concurrence for our closure approach for the container transfer areas (CTAs) at 100-D, H and N as described below. This approach is consistent with how EPA approved closure of the 100-K and B CTAs (although we used the surface gravel at 100-B for bedding at 100-B-35 during remediation).

The CTAs will be surveyed with a Global Positioning Environmental Radiological Surveyor (GPERS) to confirm the areas are free of any radiological contamination. In addition, the CTAs will be walked down to visually verify that there is no staining, most likely from petroleum leaks from equipment loading and unloading ERDF containers. Any stained soil will be removed and disposed. Once this is complete, the top 6 inches of gravel will be scraped up and re-used as needed (either for road maintenance to existing wells or as needed by other contractors) prior to revegetation of the areas. An exception to this is being requested for the 100-H CTA surface gravel. Since the CTA at 100-H is part of the H borrow pit,

once the CTA has been surveyed and walked down, plans are to use all this material (including the top 6 inches of surface gravel) as backfill.

This same approach is planned for the graveled areas surround our trailer villages (minus the radiological surveys since they were never used to manage radioactive waste).

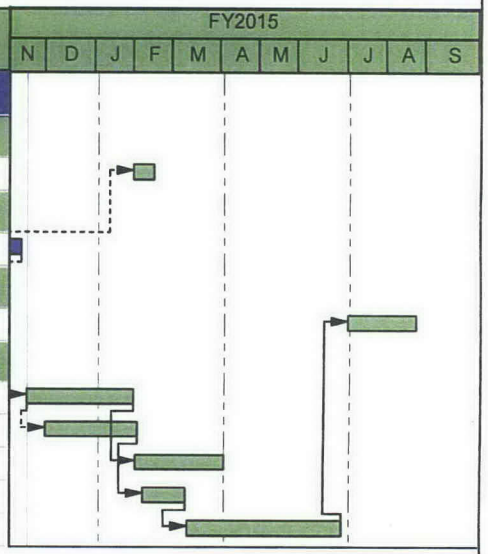
Let me know if you concur with this approach for closure of the CTAs.

Thanks and give me a call if you have any questions.

Dan Saueressig
FR Environmental Project Lead
Washington Closure Hanford
521-5326

Attachment 5

Activity ID	Activity Name	Rem Dur	% Cmpl	Start	Finish
Backfill Contract Working Schedule					
IU 2/6 Backfill					
N1.0640	IU 2/6 DOT Backfill	10	0%	26-Jan-15*	10-Feb-15
Pit 24					
N1.0280	Pit 24 Re-Contour	0	100%	27-Oct-14 A	06-Nov-14
100-H Backfill Campaign					
DH2.0230	100-H Remaining (145,000 BCM at 5,500 BCM/day)	28	0%	29-Jun-15	17-Aug-15
100-D Backfill Campaign					
DH2.0150	100-D-104/30 - volume (180,000 BCM at 4,500 BCM/day) from Local Stockpi	40	0%	10-Nov-14	26-Jan-15
DH2.0140	100-D-104 volume (180,000 BCM at 5,500 BCM/day) from old Pit 21	35	0%	24-Nov-14	29-Jan-15
DH2.0190	100-D-100 volume (163,500 BCM at 4,500 BCM/day) from Local Stockpiles	37	0%	27-Jan-15	01-Apr-15
DH2.0200	100-D-100 volume (97,832 BCM at 5,500 BCM/day) from Pit 21	18	0%	02-Feb-15	04-Mar-15
DH2.0160	100-D - volume (283,668 BCM at 4,500 BCM/day) from 100H	64	0%	05-Mar-15	25-Jun-15

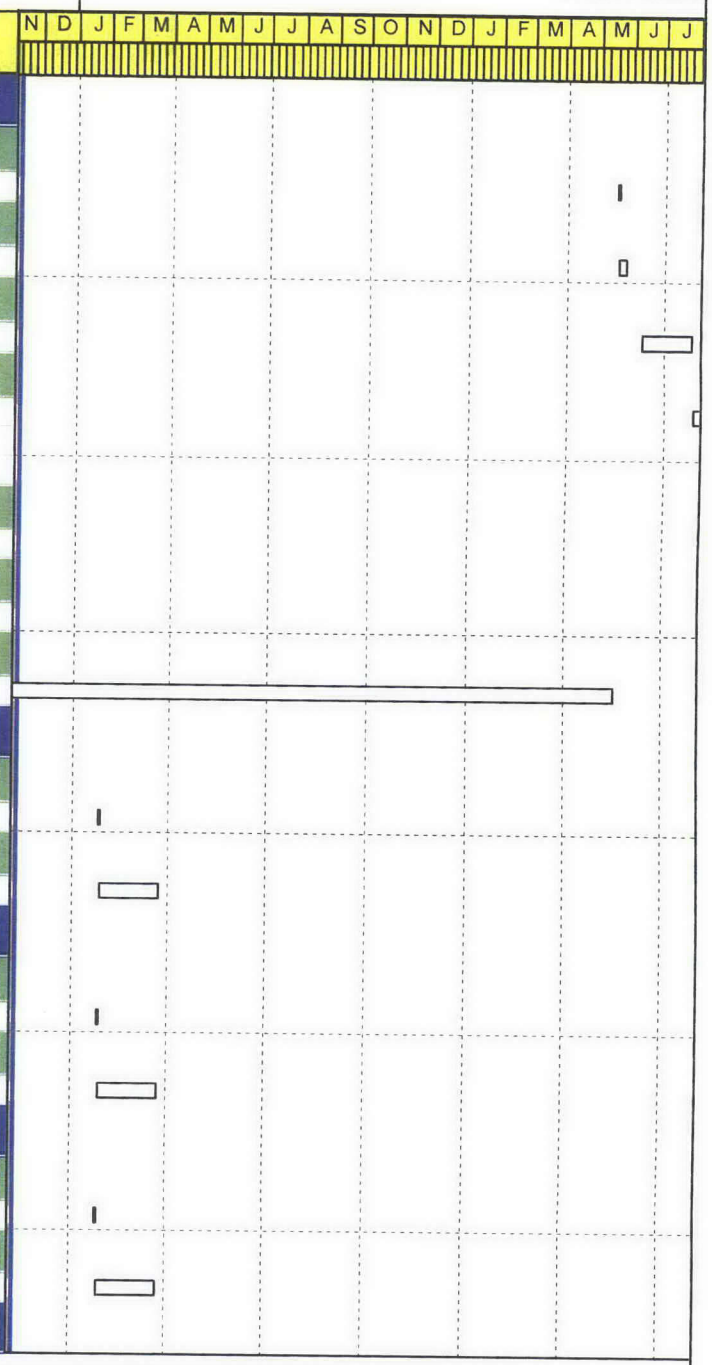


Actual Work
Remaining Work
Critical Remaining Work
Milestone
% Complete

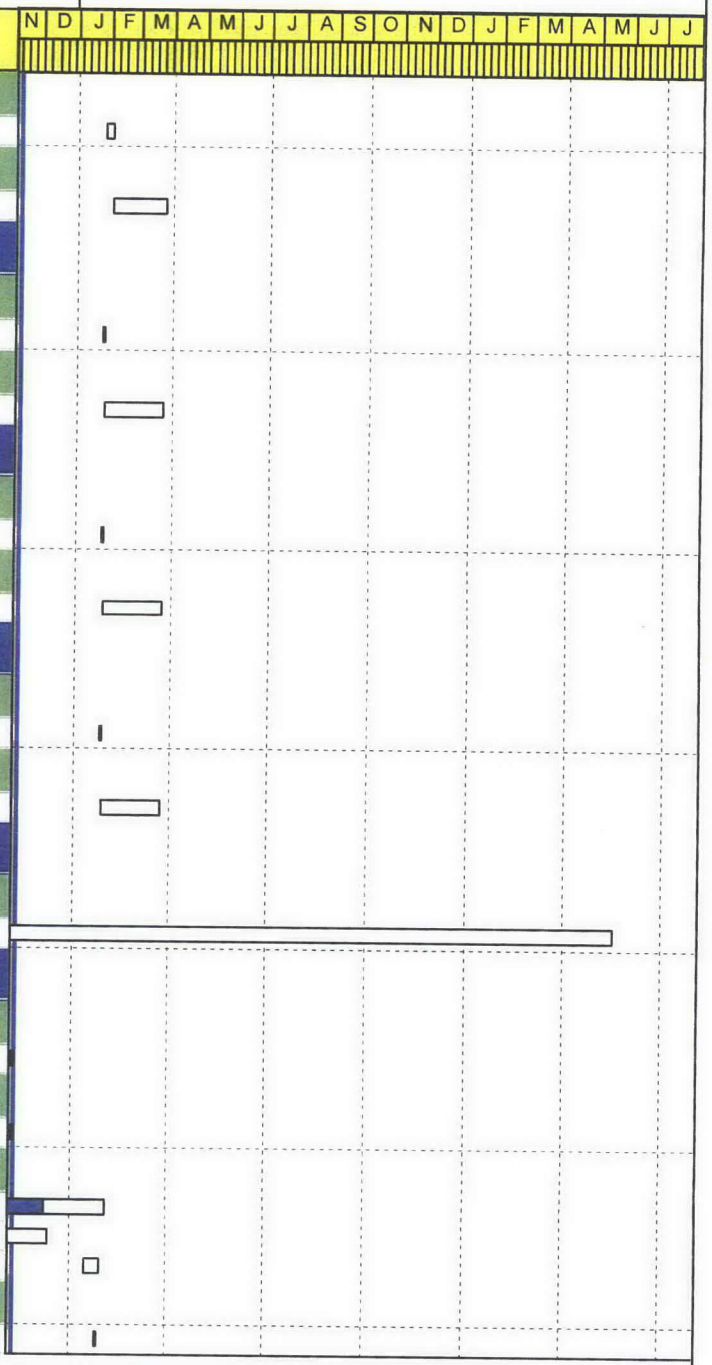
TASK filter: Backfill Procurement.
data date: 10-Nov-14

Attachment 6

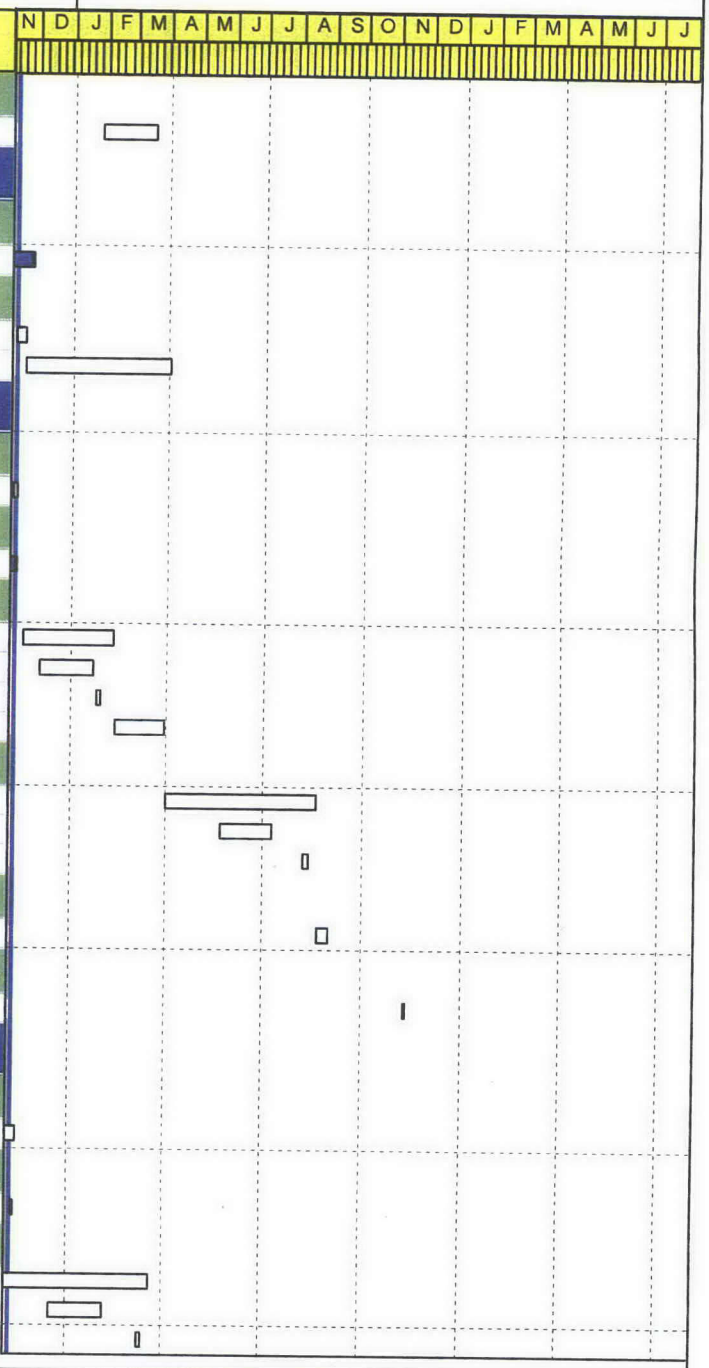
Activity ID	Activity Name	% Cmpl	RD	Start	Finish
600-326					
Excavation					
IU222640	Excavation 600-326 (IU-6)	0%	2	17-May-16	18-May-16
Loadout					
IU222650	Loadout 600-326	0%	3	19-May-16	24-May-16
Closeout Sampling & Docs					
IU222710	Closure Sampling 600-326	0%	26	09-Jun-16	26-Jul-16
Final Project Closeout					
IU222720	Prepare Closure Document 600-326	0%	83	27-Jul-16	27-Dec-16
IU222730	RL/Reg Review of Draft A Closure Document 600-326	0%	26	03-Oct-16	15-Nov-16
IU222740	RL/Reg Signature Rev.0 Closure Document 600-326	0%	4	19-Dec-16	27-Dec-16
Backfill					
IU222660	Backfill 600-326	0%	1	28-Dec-16	28-Dec-16
Revegetation					
IU222680	Revegetation 600-326	0%	1	29-Dec-16*	29-Dec-16
Culture Resource Reviews					
IU226710	Cultural / Eco Clearance 600-326	0%	302	26-Jun-13 A	16-May-16
600-383					
Backfill					
IU225430	Backfill 600-383	0%	1	26-Jan-15*	26-Jan-15
Revegetation					
IU225440	Revegetation 600-383	0%	31	27-Jan-15*	23-Mar-15
600-384					
Backfill					
IU225540	Backfill 600-384	0%	1	26-Jan-15	26-Jan-15
Revegetation					
IU225550	Revegetation 600-384	0%	31	27-Jan-15*	23-Mar-15
600-382					
Backfill					
IU225320	Backfill 600-382	0%	1	26-Jan-15*	26-Jan-15
Revegetation					
IU225330	Revegetation 600-382	0%	31	27-Jan-15*	23-Mar-15
600-356					



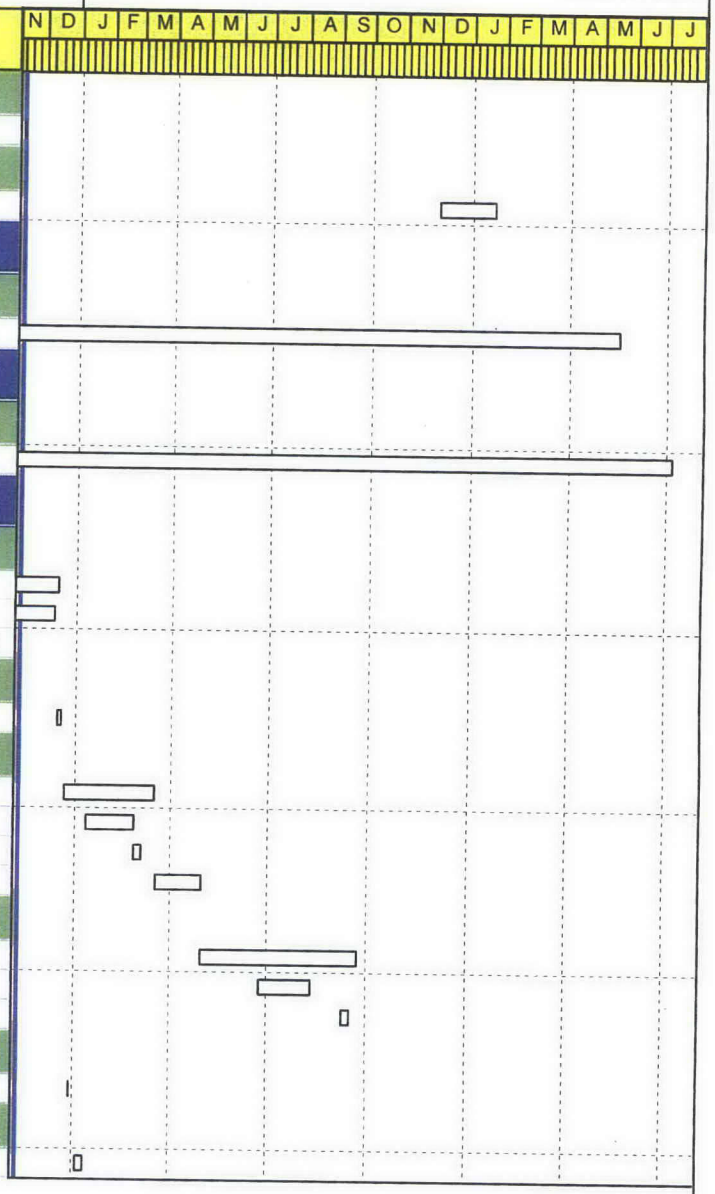
Activity ID	Activity Name	% Cmpl	RD	Start	Finish
Backfill					
IU226030	Backfill 600-356	0%	4	27-Jan-15	02-Feb-15
Revegetation					
IU226060	Revegetation 600-356	0%	29	03-Feb-15*	25-Mar-15
600-377					
Backfill					
IU224770	Backfill 600-377	0%	1	26-Jan-15*	26-Jan-15
Revegetation					
IU224780	Revegetation 600-377	0%	31	27-Jan-15*	23-Mar-15
600-379					
Backfill					
IU224990	Backfill 600-379	0%	1	26-Jan-15	26-Jan-15
Revegetation					
IU225000	Revegetation 600-379	0%	31	27-Jan-15*	23-Mar-15
600-378					
Backfill					
IU224880	Backfill 600-378	0%	1	26-Jan-15	26-Jan-15
vegetation					
IU224890	Revegetation 600-378	0%	31	27-Jan-15*	23-Mar-15
600-329					
Culture Resource Reviews					
IU226280	Cultural / Eco Review 600-329	40%	302	26-Jun-13 A	16-May-16
600-331					
Excavation					
IU223580	Excavation 600-331	99%	0	02-Apr-14 A	10-Nov-14
Loadout					
IU223480	Loadout 600-331	99%	0	02-Apr-14 A	10-Nov-14
Final Project Closeout					
IU223510	Prepare Closure Document 600-331	72%	44	17-Jul-14 A	02-Feb-15
IU223520	RL/Reg Review of Draft A Closure Document 600-331	0%	18	23-Oct-14 A	11-Dec-14
IU223530	RL/Reg Signature Rev.0 Closure Document 600-331	0%	8	15-Jan-15	28-Jan-15
ckfill					
IU223560	Backfill 600-331	0%	1	26-Jan-15*	26-Jan-15



Activity ID	Activity Name	% Cmpl	RD	Start	Finish
Revegetation					
IU223570	Revegetation 600-331	0%	29	27-Jan-15*	18-Mar-15
600-349 UXO Site					
Excavation					
IU225790	Excavation	99%	10	14-Apr-14 A	25-Nov-14
Closeout Sampling & Docs					
IU225860	Closure Report 600-349	0%	5	10-Nov-14	17-Nov-14
IU226610	Prepare WSRF 600-349	0%	72	18-Nov-14	01-Apr-15
600-20					
Excavation					
IU226110	Excavation 600-20	99%	1	05-May-14 A	10-Nov-14
Loadout					
IU226120	Loadout 600-20	99%	1	13-Oct-14 A	10-Nov-14
Closeout Sampling & Docs					
IU226180	Prepare Work Instruction 600-20	0%	44	18-Nov-14	10-Feb-15
IU226190	RL/Reg Review of Draft A Work Instruction 600-20	0%	26	04-Dec-14	22-Jan-15
IU226130	RL/Reg Signature Rev.0 WI 600-20	0%	4	26-Jan-15	29-Jan-15
IU226140	Closure Sampling 600-20	0%	26	11-Feb-15	30-Mar-15
Final Project Closeout					
IU226150	Prepare Closure Document 600-20	0%	80	31-Mar-15	19-Aug-15
IU226160	RL/Reg Review of Draft A Closure Document 600-20	0%	26	21-May-15	08-Jul-15
IU226170	RL/Reg Signature Rev.0 Closure Document 600-20	0%	4	06-Aug-15	12-Aug-15
Backfill					
IU226200	Backfill 600-20	0%	6	20-Aug-15	31-Aug-15
Revegetation					
IU226210	Revegetation 600-20	0%	2	09-Nov-15*	10-Nov-15
600-332					
Excavation					
IU223690	Excavation 600-332	42%	4	29-Jul-14 A	14-Nov-14
Loadout					
IU223590	Loadout 600-332	0%	1	11-Nov-14	12-Nov-14
Final Project Closeout					
IU223620	Prepare Closure Document 600-332	0%	70	03-Nov-14 A	19-Mar-15
IU223630	RL/Reg Review of Draft A Closure Document 600-332	0%	26	17-Dec-14	04-Feb-15
IU223640	RL/Reg Signature Rev.0 Closure Document 600-332	0%	4	09-Mar-15	12-Mar-15



Activity ID	Activity Name	% Cmpl	RD	Start	Finish
Backfill					
IU223670	Backfill 600-332	0%	1	10-Nov-14*	10-Nov-14
Revegetation					
IU223680	Revegetation 600-332	0%	28	01-Dec-15*	21-Jan-16
600-334:2					
Culture Resource Reviews					
IU226290	Cultural / Eco Review 600-334:2	40%	302	26-Jun-13 A	16-May-16
600-385					
Culture Resource Reviews					
IU226300	Cultural / Eco Review 600-385	37%	329	04-Feb-13 A	05-Jul-16
600-358					
Excavation					
IU225900	Excavation 600-358	25%	19	21-Jul-14 A	15-Dec-14
IU226740	Supply Breathing Air 600-358	50%	18	11-Sep-14 A	12-Dec-14
IU226750	Beryllium Controls 600-358	100%	0	01-Oct-14 A	20-Oct-14 A
Loadout					
IU225910	Loadout 600-358	0%	2	16-Dec-14*	18-Dec-14
Closeout Sampling & Docs					
IU225970	Prepare Work Instruction 600-358	0%	44	23-Dec-14	16-Mar-15
IU225980	RL/Reg Review of Draft A Work Instruction 600-358	0%	26	12-Jan-15	25-Feb-15
IU225920	RL/Reg Signature Rev.0 WI 600-358	0%	4	26-Feb-15	04-Mar-15
IU225930	Closure Sampling 600-358	0%	26	17-Mar-15	29-Apr-15
Final Project Closeout					
IU225940	Prepare Closure Document 600-358	0%	80	30-Apr-15	22-Sep-15
IU225950	RL/Reg Review of Draft A Closure Document 600-358	0%	26	24-Jun-15	10-Aug-15
IU225960	RL/Reg Signature Rev.0 Closure Document 600-358	0%	4	09-Sep-15	15-Sep-15
Backfill					
IU225990	Backfill 600-358	0%	1	29-Dec-14*	29-Dec-14
Revegetation					
IU226000	Revegetation 600-358	0%	5	05-Jan-15*	12-Jan-15



Attachment 7

177816

^WCH Document Control

From: Saueressig, Daniel G
Sent: Tuesday, November 04, 2014 4:11 PM
To: ^WCH Document Control
Subject: FW: Off-Site Approval Requested

Please provide a chron number. This email documents a regulatory approval.

Thanks,

Dan Saueressig
Environmental Project Lead
Washington Closure Hanford
521-5326

From: Einan, Dave [mailto:Einan.David@epa.gov]
Sent: Tuesday, November 04, 2014 9:51 AM
To: Saueressig, Daniel G
Cc: Guzzetti, Christopher; Zeisloft, Jamie
Subject: RE: Off-Site Approval Requested

Dan—

Doe Run is acceptable. The other facility, Gopher Resource, has never asked to be evaluated and therefore is not acceptable at this time.

Dave Einan
509-376-3883

From: Saueressig, Daniel G [mailto:daniel.saueressig@wch-rcc.com]
Sent: Wednesday, October 15, 2014 6:52 AM
To: Einan, Dave
Cc: Guzzetti, Christopher; Zeisloft, Jamie
Subject: FW: Off-Site Approval Requested

Dave, we recovered some lead (approximately ¾ of a 55 gallon drum) during UXO removal activities at 600-349. I'd like to request an off-site acceptability determination to recycle the lead at one of the sites below. I don't have an exact shipment date but if you could provide an acceptability determination and dates that the determination is valid, we'll work to get the material sent within that window.

Thanks and give me a call if you have any questions.

Dan Saueressig
FR Environmental Project Lead
Washington Closure Hanford
521-5326

From: Vallem, Robert J
Sent: Wednesday, October 15, 2014 6:42 AM
To: Saueressig, Daniel G
Cc: Strom, Dean N; Mattson, Richard B Jr; Blair, John-Paul J; Gana, Robert G
Subject: Off-Site Approval Requested

I would like the status of the following facilities to accept off-site CERCLA waste (shooting range lead from 600-349) IAW 40 CFR 300.440.

- Doe Run Co., Boss, MO, ID# MOD059200089

- Gopher Resource, Eagan, MN. MND006148092
-

Attachment 8

300 Area Closure Project Status
November 13, 2014
100/300 Area Combined Unit Manager Meeting

Ongoing Activities

- 309 – Below-grade demolition ongoing, approaching the -32 foot elevation. Deep zone characterization of remaining structures and soils pending.
- 340 - Completed final remediation of 340 waste sites. Initiating final surveys and Work Instruction development.
- 324 – Completed radiological surveys from within the newly installed, and previously placed, geoprobes. Dose profiles from previously placed probes are similar to readings from 2010. Dose profiles from newly installed probes are in the same range as old tubes with newest high reading of 12,700 R/hr.
  Collected temperature readings from within newly installed, and previously placed, geoprobes. Temperatures are similar to previously collected temperatures with the high temp ~140 degrees F.
  Cong
  60% Design for the 300-296 Remediation has been delivered to WCH by the subcontractor. WCH review is complete.
  Construction of the REC mock-up is ongoing
- Zone 1, 300-15 (process sewer) remediation completed, close-out verification samples collected.
- Remediation of Zones 2 and 3 RRLWS, RLWS, 300-214 (retention process sewer) and 300-15 piping nearly completed.
- Completed remediation and close-out verification sampling of the 300-7 waste site (early burial ground).
- Completed demolition of the 351 Substation.
- Finalizing the 300 Area RDR/RAWP soils addendum and SAP for DOE and EPA signature.
- During remediation of the 300-263 waste site (324 crib waste tank), uranium contamination was encountered. Preliminary investigation shows the uranium contamination is most likely associated with the 316-3 waste site. Additional investigation pending.

60-Day Project Look Ahead

- Complete Zones 2 and 3 waste site piping remediation.
- Initiate remediation of the 300-4, 300-9, and 300-289 waste sites.
- Complete 309 deep zone characterization and determine if removal action is complete.
- Complete scheduled backfill for winter 2014/2015 revegetation.
- Advance 200-296 retrieval design to 90%.
- Continue construction of the 324 REC mock-up.

Attachment 9

ESH&QA Mission Completion Project
November 13, 2014

Long-Term Stewardship

- Initiated drafting of the 100-BC-2 OU Interim Remedial Action Report.

300 Area Final Action ROD RDR/RAWP

- Continue to resolve EPA review comments on the Draft A versions of the 300 Area RDR/RAWP Soil Addendum, and 300 Area Soil SAP.

Document Review Look-Ahead

- None

Attachment 10

From: ^TPA [mailto:TPA@RL.GOV]
Sent: Monday, November 03, 2014 7:52 AM
To: HANFORD-INFO@LISTSERV.WA.GOV
Subject: DOE to Conduct Fourth Five-Year Review at Hanford

Notice from the U.S. Department of Energy

The U.S. Department of Energy (DOE) will conduct the fourth Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) Five-Year Review for the Hanford Site beginning late this fall.

The Hanford Site consists of four National Priorities List (NPL) sites which are the Hanford 100 Area, 200 Area, 300 Area and 1100 Area. Several Operable Units (OUs) have been established under each of these NPL Sites. Cleanup actions are made for each of these OUs.

The purpose of a five-year review is to determine if the implemented cleanup actions are functioning as designed and if they continue to be protective of human health and the environment.
Examples of cleanup actions at the Hanford Site include; removal, treatment, and disposal of contaminated soil; pumping and treating of contaminated groundwater; binding of contamination in soil to prevent movement into the Columbia River; and extensive groundwater monitoring.

Information about the Hanford Site is available at: www.Hanford.gov.

The fourth Hanford Site Five-Year Review is planned to be completed in late fall of 2016. The final report from this review will be accessible to the public through the DOE Reading Rooms on the Hanford website. Previous five-year reviews can be accessed at:
http://www.hanford.gov/page.cfm/CERCLA

If you have information you would like to be considered or questions about the review, please communicate that to DOE through one of the following points of contact: Kristen Skopeck: Kristen.Skopeck@rl.doe.gov (509) 376-5803, or Joe Voice: Joseph.Voice@rl.doe.gov (509) 376-8523; or by mail to: Kristen Skopeck, U.S. Department of Energy, Richland Operations Office, P.O. Box 550, MSIN A7-75, Richland, WA 99352